

## AIR RESOURCES BOARD

2020 L STREET  
P.O. BOX 2815  
SACRAMENTO, CA 95812



August 13, 1992

David J. Parrish  
Engineering Manager  
Emco Wheaton  
4001 Weston Parkway  
Cary, NC 27513

#92-14

Dear Mr. Parrish:

Approval of Emco Wheaton Hose Fittings for Use with M85 Fuel

The components in the following list of Emco Wheaton equipment have met the requirements for California Air Resources Board (CARB) certification for use with M85 fuel (85% methanol and 15% gasoline). Our evaluation of this equipment indicated that the operation and durability will be satisfactory.

A226 remote vapor check valve  
A227 remote vapor check valve  
A228 remote vapor check valve  
A4019 hose breakaway  
A4041 splitter fitting  
A4042 splitter fitting  
A4110 45 degree swivel elbow  
A4113 90 degree swivel elbow

As required by CARB certification and test procedures, you requested the approval of the Division of Occupational Health and Safety, the Office of the State Fire Marshal, and the Department of Food and Agriculture, Division of Measurement Standards. The necessary approvals have been obtained from these agencies.

I find that use of the above Emco Wheaton hose fittings will not adversely affect the performance of gasoline or M85 vapor recovery systems. Therefore, hose fitting models A226, A227, A228, A4019, A4041, A4042, A4110, and A4113 are approved for use with Phase II gasoline vapor recovery systems in California.

If you have any questions, please call Darrell Hawkins at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. Morgester".

James J. Morgester, Chief  
Compliance Division

cc: All APCDs and AQMDs  
Vapor Recovery Technical Committee Members  
CAP Gasoline Marketing and Distribution Manual